

Introducing the new
Cytopro[®]

C Y T O C E N T R I F U G E



The new standard in Cytocentrifugation

Cytopro® Sample Chamber

The heart of the Cytopro System

Patented flow control ring
Controls the rate of fluid absorption for higher cell yields & consistent results.

Dual sample ports
(Single chamber only). 2 ports allow you to introduce pre-wetting fluids and makes in situ fixation easy and reliable.

2 absorption pad options:
White—for faster absorption of thick or debris-filled suspension fluids.
Tan—for slower absorption of thin fluids.

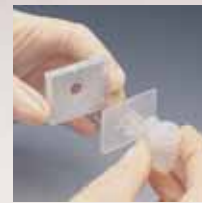
Prewetting capability
The tunnel port accepts saline or other fluids to pre-wet the absorption pad for improved cell recovery.

Chamber caps
Load samples directly through the chamber caps to prevent spilling hazardous samples.



Cytopro Rotor
The world's most advanced cyto-centrifuge rotor

Quick and easy loading & unloading



Perfect Alignment
The pad is always correctly aligned with the tunnel.

7 mm Cell Area
A larger, centered cell deposit area makes screening easier and more sensitive.



Cytopro Chamber Options



Single Chamber



Dual Chamber

With increased efficiency and economy, **dual sample chambers** provide the same excellent results as the single sample chambers.

Priced Competitively

Plastic Cytopro chambers are disposable—or reusable after decontamination.

Simple In situ fixation
Load a few drops of sample into the tunnel port, then load fixative into the sample well. As the rotor accelerates, the cells are fixed after they sediment onto the slide.

NEW

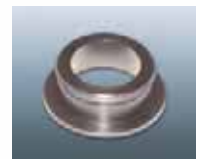


CYTOPRO MAGNUM™ CHAMBER

The Wescor Cytopro Magnum's large capacity sample chamber handles sample volumes up to 6 mL, while providing enhanced safety—the results are exceptional: The Cytopro Magnum, like the other Cytopro chambers, produces excellent, highly visible specimen slides.

Magnum Chamber Features

- Quick and easy loading and unloading.
- Ample **6 mL** sample volume.
- Large **15 x 21 mm** sample viewing area.
- Complete absorption of cell suspension fluid for reduced mess and biohazard.
- Automatic mixing of sample at start of run.
- Chamber wall is perpendicular to the microscope slide to enhance cell distribution.
- Semi-absorbent seal for removing residual fluid from the surface of the slide.



Rotor Adapter

Our unique rotor adapter allows you to use the Cytopro rotor, the Magnum Chamber, and other superior Cytopro products in most Thermo-Shandon **Cytospin®** models!



Ease of use combined with superb cell recovery



Cytopro®

The Cytopro cytocentrifuge is a complete, integrated system for depositing cells onto microscope slides including an advanced instrument console with touch pad controls and a ground breaking eight-station cytocentrifuge rotor that accepts our versatile range of sample chambers: single or dual for smaller/regular sized samples and the Cytopro Magnum™ large volume chambers for processing samples up to 6 mL.

SIMPLE TO PROGRAM

Cutting-edge microprocessor control and user programmability provides programming versatility. In addition to manual programming, you can store up to nine frequently used combinations of rotation speed (100-2000 rpm), run time (1-99 minutes), and rotor acceleration (Low, Medium or High). Programs are easy to retrieve or clear. The user-friendly display visually confirms inputs, current settings, or operation cycle status. Program memory is protected from power interruptions.

ROTOR PROTECTS THE SAMPLE AND THE USER

The Cytopro rotor uses centrifugal force and three patented chamber designs to sediment cells onto slides with maximum safety and user convenience. The shallow profile makes sample ID easy and loading and unloading samples is convenient in a biological safety hood. Simply pipette sample fluid directly into the sample well.

Slides and samples load securely into the rotor without fumbling. After the run, the chamber release lever cleanly separates the chamber from the slide. Both the slide and the sample chamber can then be easily removed. Cytopro's unique ergonomic design leaves no chance of smearing your cells.

With the standard volume (single or dual) chambers, suspension fluid is simultaneously absorbed into the Cytopad® absorption pad as cells contact the microscope slide.

With the Cytopro Magnum large capacity chamber, the suspension fluid is removed by an absorbent foam pad by the end of the run.

Standard volume chambers can be discarded with the used Cytopad, or can be autoclaved and reused with a fresh Cytopad.

CYTOPRO CHAMBERS

The Cytopro sample chambers are the heart of the Cytopro system. They combine ease of use with superb cell recovery. Innovative standard volume chamber designs make loading and pad alignment simple and foolproof. The semi-transparent sample chamber allows visual confirmation of correct sample volume. Patented flow control delivers consistent results. Dual addition ports allow pre-wetting—for excellent cell recovery. Because damaged spring clips can affect recovery, we use reliable coil springs instead. Standard chambers come in single, and dual configurations to suit every need.

Specifications

Cytopro® Cytocentrifuge Model 7621

Chamber Volume	
Dual	0.3 mL per well (0.6 mL per chamber)
Single	0.5 mL per chamber
Magnum	6.0 mL per chamber
Rotor Slide Capacity	Up to 8 slides and Cytopro chambers
Rotor Speed	100 to 2000 rpm (±5%) user programmable
Display	4 line by 16 character alpha-numeric LCD dot matrix
Touch Pad Controls	Numeric programming keys 0 thru 9 RUN, STOP, PROG, Acceleration Keys: - HIGH, MED and LOW
Operating Time	Programmable 1 to 99 mins
Dimensions	(W x H x D) 43 cm x 25 cm x 54 cm (17" x 10" x 21")
Clearance Height (lid open)	58 cm (23")
Weight	10.1 kg (22.2 lb.)
Electrical Requirements	100 to 240 V (±10%) @ 50-60 Hz
Fuses	2.0 Amp time-lag (Type T) (5 x 20 mm) (2 required)
Power Consumption	85 Watts Maximum
Safety Features	Lid Interlock: Lid must be closed during operation, and is locked down during rotor rotation Rotation Indicator: LED on front panel lights when the carousel or rotor is rotating

For information regarding Aerospray: Hematology, Gram, or TB stainers, contact:

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